

Certified Validation Report

Audit Information

Water Supplier Name: City of Madera

System Type: Potable

Utility Representation: Yes, City of Madera

Validation Date: 12/3/19

PWS ID: 2010002

Audit Period: January - December 2018

Interview Time/Date: 12/4/19 at 10:00 AM

Validation Findings & Confirmation Statement

Key Audit Metrics

Data Validity Score: 52

ILI: 0.28

Data Validity Band (Level): III

Real Loss: 18.168

Apparent Loss: 92.766

Non-Revenue Water as Percentage of Cost of Operating System: 4.7%

Certification Statement By Validator

This water loss audit report has been Level One (1) Validated per the requirements of California Code of Regulations Title 23, Division 2, Chapter 7 and the California Water Code Section 10608.34.

All recommendations on the volume derivation and Data Validity Grades were incorporated into the water audit. If not, rejected recommendations are included here:

Validator Information

Water Audit Validator: Nicholas Jacobson, PE

Qualifications: Water Audit Validator Certificate issued by the CA-NV Section of the AWWA

Utility Provided Information

Water Supplier Name: City of Madera
Water Supplier ID Number: 2010002
Water Audit Period: January -December 2018

Water Audit & Water Loss Improvement Steps:

Utility to provide steps taken in preceding year to increase data validity, reduce real loss and apparent loss as informed by the annual validated water audit.

Certification Statement by Utility Executive:

This water loss audit report meets requirements of California Code of Regulations Title 23, Division 2, Chapter 7 and the California Water Code Section 10608.34. and has been prepared in accordance with the method adopted by the American Water Works Association, as contained in their manual, *Water Audit and Loss Control Programs, Manual M 36, Fourth Edition* and in the Free Water Audit Software version 5.

Name (Print) JOHN BOTWRIGHT

Title WATER QUALITY SPECIALIST

Signature 

Date 1/15/20